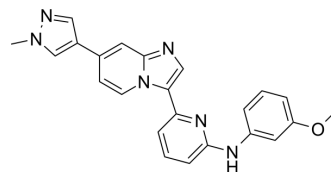


FLT3-ITD/D835Y-IN-1

Cat. No.:	HY-161323
Molecular Formula:	C ₂₃ H ₂₀ N ₆ O
Molecular Weight:	396.44
Target:	FLT3; Bcr-Abl; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FLT3-ITD/D835Y-IN-1 (Compound 1) is a FLT3-ITD and BCR-ABL inhibitor. FLT3-ITD/D835Y-IN-1 mediates proapoptosis by inhibiting the FLT3 and BCR-ABL pathways, as well as other possible targets. FLT3-ITD/D835Y-IN-1 can be used in the study of acute myeloid leukemia (AML)^[1].

REFERENCES

[1]. Wang X, et al. N-(3-Methoxyphenyl)-6-(7-(1-methyl-1H-pyrazol-4-yl) imidazo [1, 2-a] pyridin-3-yl) pyridin-2-amine is an inhibitor of the FLT3-ITD and BCR-ABL pathways, and potently inhibits FLT3-ITD/D835Y and FLT3-ITD/F691L secondary mutants. *Bioorganic Chemistry*, 2024, 143: 106966.

Caution: Product has not been fully validated for medical applications. For research use only.

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